

Substitute for Form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			Application Number	09/736,651	
			Filing Date	12/13/00	
			First Named Inventor:	Bart Dierickx	
			Art Unit	2815	
			Examiner Name	Lee, Eugene	
Attorney Docket Number	16820.P382X				
Sheet 1	of		2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
EL		US-	6,100,556	8/8/00	Drowley et al.	
EL		US-	6,040,592	3/21/00	McDaniel et al.	
EL		US-	5,714,753	2/3/98	Park	
EL		US-	6,133,954	10/17/00	Jie et al.	
EL		US-	5,084,747	1/28/92	Miyawaki	
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
EL		WO	9810255		3/12/98	Schwarte, Rudolf et al.		
EL		EP	0978878A2		2/9/00	InnoVision, Inc.		
EL		EP	0883187A1		12/9/98	Interuniversitair Micro- Elektronica Centrum VZW		
EL		EP	0903935A1		3/24/99	Interuniversitair Micro- Elektronica Centrum VZW		
EL		WO	0055919		9/21/00	Conexant Systems, Inc.		
EL		WO	9304556		3/4/93	VLSI Vision Limited		

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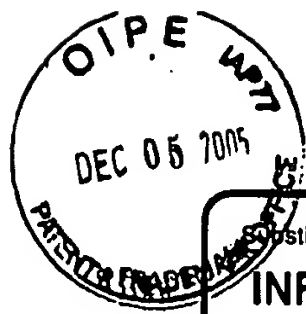
<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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Sheet	2	of	2	Attorney Docket Number	16820.P382X

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
EL		European Search Report No. 01204595.1-2203 dated 11/28/05.	
EL		Patent Abstracts of Japan, Publication No. 59067791, publication date 4/17/84.	
EL		Stefan Lauxtermann et al., "A high speed CMOS imager acquiring 5000 frames/sec", IEDM 99, 0-7803-5410-9/99, 1999 IEEE, pp. 875-878.	
EL		Chye Huat Aw et al., "A 128x128-Pixel Standard-CMOS Image Sensor with Electronic Shutter", ISSCC96/Session 11/Electronic Imaging Circuits/Paper FA 11.2, 1996 IEEE International Solid-State Circuits Conference, pp. 180-181, 440.	

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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
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			Filing Date	December 13, 2000	
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			Art Unit	2815	
			Examiner Name	Lee, Eugene	
Sheet	1	of	4	Attorney Docket Number	16820P382X

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
EL		US-5,898,196	04-27-1999	Hook et al.	
EL		US-4,498,013	02-05-1985	Kuroda et al.	
EL		US-6,194,702	02-27-2001	Hook et al.	
EL		US-5,578,842	11-26-1996	Shinji	
EL		US-4,389,661	06-21-1983	Yamada	
EL		US-4,484,210	11-20-1984	Shiraki et al.	
EL		US-4,984,047	01-08-1991	Stevens	
EL		US-4,914,493	04-03-1990	Shiromizu	
EL		US-4,774,557	09-27-1988	Kosonocky	
EL		US-4,984,044	01-08-1991	Yamamura	
EL		US-5,668,390	09-16-1997	Morimoto	
EL		US-6,136,629	10-24-2000	Sin	
EL		US-6,111,271	08-29-2000	Snyman et al.	
EL		US-6,051,857	04-18-2000	Miida	
EL		US-4,630,091	12-16-1986	Kuroda et al.	
EL		US-6,115,066	09-05-2000	Gowda et al.	
EL		US-5,608,243	03-04-1997	Chi et al.	
EL		US-5,587,596	12-24-1996	Chi et al.	
EL		US-5,754,228	05-19-1998	Dyck, Rudolph H.	
EL		US-6,107,655	08-22-2000	Guidash, Robert M.	

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EL		EP 0 548 987	06-30-1993	Sony Corporation	
EL		EP 0 657 863	06-14-1995	Sharp Kabushiki Kaisha	
EL		EP 0 739 039	10-23-1996	Interuniversitair	
EL		WO 93/19489	09-30-1993	Anmelder	
EL		GB 2324651	10-28-1998	VLSI Vision Limited	
EL		EP 0 978 878 A	02-09-2000	Innovision, Inc.	
EL		EP 0 883 187 A	12-09-1998	Interuniversitair	
EL		WO 98/10255 A	03-12-1998	Anmelder and Erfinder	

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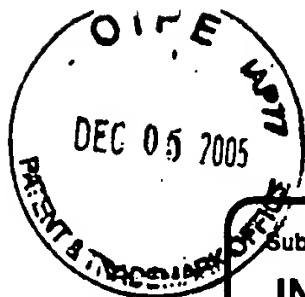
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Sheet	3	of	4		

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EL		US-5,614,744	03-25-1997	Merrill	
EL		US-5,841,126	11-24-1998	Fossum	
EL		US-5,101,253	03-31-1992	Mizutani et al.	
EL		US-5,903,021	05-11-1999	Lee et al.	
EL		US-5,625,210	04-29-1997	Lee et al.	
EL		US-5,904,493	05-18-1999	Lee et al.	
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EL		US-6,040,592	03-21-2000	McDaniel et al.	
EL		US-6,815,791	11-09-2004	Dierickx	
EL		US-6,225,670	05-01-2001	Dierickx	
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el		"Partial European Search Report", European Patent Office, September 28, 2005, Application No. 01204595.1 - 2203, 4 pages.	
el		Aoki et al., "A Collinear 3-Chip Image Sensor", IEEE International Solid-State Circuits Conference, 1985, pp. 102-103.	
el		Horii et al., "A490 x 404 Element Imager for a Single-Chip Color Camera", IEEE International Solid-State Circuits Conference, 1985, pp. 96-97.	
el		Nagakawa et al., "A 580 x 500-Element CCD Imager with a Shallow Flat P Well", IEEE International Solid-State Circuits Conference, 1985, pp. 98-99	

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